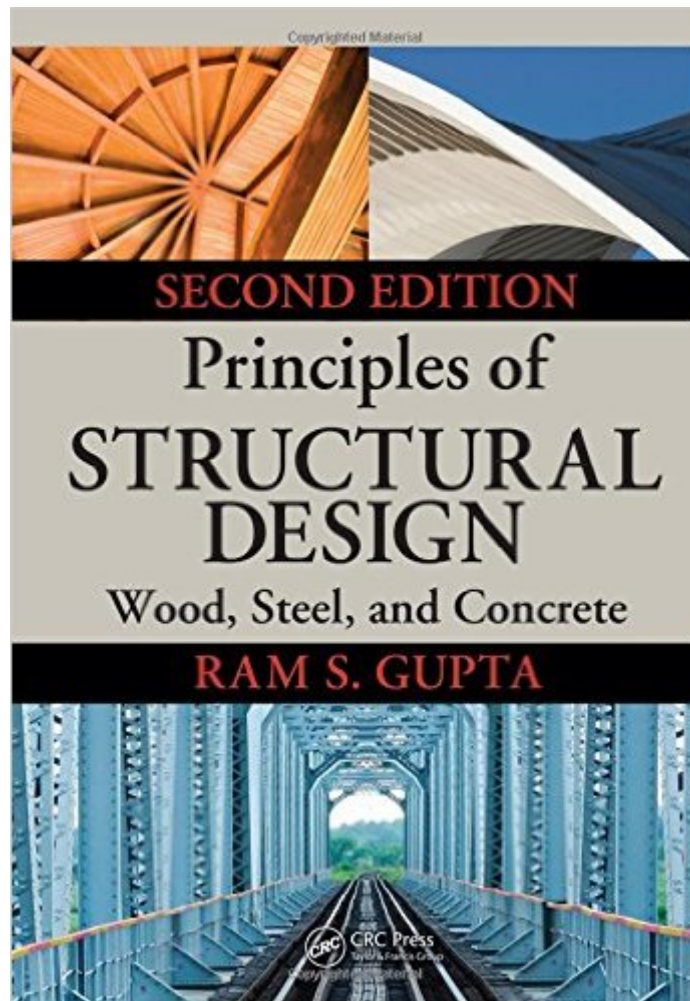


The book was found

# Principles Of Structural Design: Wood, Steel, And Concrete, Second Edition



## Synopsis

A structural design book with a code-connected focus, *Principles of Structural Design: Wood, Steel, and Concrete, Second Edition* introduces the principles and practices of structural design. This book covers the section properties, design values, reference tables, and other design aids required to accomplish complete structural designs in accordance with the codes. What's New in This Edition: Reflects all the latest revised codes and standards The text material has been thoroughly reviewed and expanded, including a new chapter on concrete design Suitable for combined design coursework in wood, steel, and concrete Includes all essential material the section properties, design values, reference tables, and other design aids required to accomplish complete structural designs according to the codes This book uses the LRFD basis of design for all structures This updated edition has been expanded into 17 chapters and is divided into four parts. The first section of the book explains load and resistance factor design, and explores a unified approach to design. The second section covers wood design and specifically examines wood structures. It highlights sawn lumber, glued laminated timber, and structural composite/veneer lumber. The third section examines steel structures. It addresses the AISC 2010 revisions to the sectional properties of certain structural elements, as well as changes in the procedure to design the slip-critical connection. The final section includes a chapter on T beams and introduces doubly reinforced beams. *Principles of Structural Design: Wood, Steel, and Concrete, Second Edition* was designed to be used for joint coursework in wood, steel, and concrete design.

## Book Information

Hardcover: 528 pages

Publisher: CRC Press; 2 edition (April 22, 2014)

Language: English

ISBN-10: 146655231X

ISBN-13: 978-1466552319

Product Dimensions: 7 x 1.2 x 10.1 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #715,210 in Books (See Top 100 in Books) #83 in Books > Engineering & Transportation > Engineering > Design #83 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete #345 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural

## Customer Reviews

Great resource for designing structural elements of a building or what have you.

[Download to continue reading...](#)

Principles of Structural Design: Wood, Steel, and Concrete, Second Edition 2012 Wood Design Package - including the National Design Specification® for Wood Construction (NDS®) & NDS Supplement: Design Values for Wood Construction (4 volumes set) Techniques of Staircase Construction: Technical and Design Instructions for Stairs Made of Wood, Steel, Concrete, and Natural Stone The Men of Steel Anthology: The Men of Steel (special edition 2015 includes new release Raising Steel: Momma Joe's story ) Structural Stability of Steel: Concepts and Applications for Structural Engineers Tall Building Design: Steel, Concrete, and Composite Systems Seismic Design Aids for Nonlinear Pushover Analysis of Reinforced Concrete and Steel Bridges (Advances in Earthquake Engineering) Design of Steel-Concrete Composite Bridges to Eurocodes Structural Steel Design (5th Edition) Structural Steel Design: A Practice-Oriented Approach (2nd Edition) Structural Analysis and Design of Tall Buildings: Steel and Composite Construction Structural Steel Drafting and Design 2012 IBC Structural/Seismic Design Manual Volume 4: Examples for Steel-Framed Buildings Structural Concrete: Theory and Design 2012 IBC Structural/Seismic Design Manual Volume 3: Examples for Concrete Buildings Hardening, Tempering, Annealing and Forging of Steel: A Treatise on the Practical, Treatment and Working of High and Low Grade Steel (Classic Reprint) Black & Decker The Complete Guide to Concrete & Masonry, 4th Edition: Build with Concrete, Brick, Block & Natural Stone (Black & Decker Complete Guide) Nonlinear Analysis of Concrete-Filled Steel Tubular Columns Effect of Chloride & Temperature on Rusting of Steel Reinforced Concrete 2nd Ed Corrosive Signs: Essays on Experimental Poetry (Visual, Concrete, Alternative) (Visual, Concrete, Alternative)

[Dmca](#)